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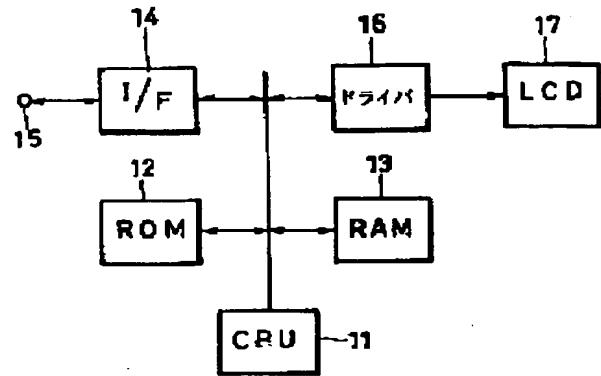
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APPLICANT : SONY CORP;

INVENTOR : KOIZUMI KATSUYUKI;

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TITLE : DATA RECORDING MEDIUM,
RECORDING AND REPRODUCING
SYSTEM AND RESIDUAL CAPACITY
DISPLAY METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To visually recognize the residual memory capacity of a data recording medium such as an IC memory card, etc., by using a liquid crystal display(LCD) consisting of the ferroelectric high polymer liquid crystal to display the memory capacity of the data recording medium and without using any backup power supply of the LCD.

SOLUTION: A CPU 11 can execute the 4-bit processing, for example, a data processing program is written in a ROM 12, and a RAM 13 has the memory areas for the work area of the CPU 11 and also for the user area. The data supplied via an input/output terminal 15 and an I/F circuit 14 are recorded in the user area of the RAM 13 and then read out and supplied to the outside via the terminal 15. An LCD 17 shows the size of an unused area (data residual capacity) of the RAM 13 in a bar graph, for example. The ROM 12, the RAM 13, the circuit 14 and a driver 16 are connected to the CPU 11 via the bus lines.

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